

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. I have a web site that hasn't been updated in long time for various classes I took at <http://www.qsl.net/k6fv>. The bulletin may be freely quoted, provided that credit is given.

DX Operations

Most of the listings in this column came from SM7AED's notebook and SMIRK.

Korea, Cho Is., DS4BHW: Kim will finish operating 80-6m from AS-060 in March of 2005.

Amsterdam Is., FT1Z: Jean-Louis, F6AGR will be active here the whole year 2004. Operation on 50 MHz is planned as soon as the French laws will allow it.

Mt. Athos, SV2ASP/A: Father Apollo is at last active on 6m from KN20 with two ICOM 100W HF/6m rigs. Costas, SV1DH worked him on January 8.

Rodrigues Island, 3B9C: A multinational team of 29 operators will be active on all bands and modes with up to fifteen high-power stations. Look for them to be active by March 20, with the team leaving the island April 14. See web site: <http://www.fsdxa.com/3b9c>, which indicates 50.102 cw, 50.145 ssb, and 50.090 beacon.

Malawi, 7Q: Mark, G4AKX; Dick, GU4CHY; and Rich, M5RIC; will operate from here between April 18 and May 1. If there is "a real demand for 6m, we will probably go ahead and take some antennas for the band." Mailto: m5ric@g3sds.org.uk.

Togo, 5V7C: F5VHQ and F5TVG plan to arrive early on March 4 to pick up the licenses and install the gear and test it out, so there's a possibility of working them earlier than the scheduled operation from March 6-12. See web site at: http://5v7c.free.fr/les_newsleng.htm

D.R. Congo, 9Q0AR: Gus, SM5DIC plans to go to Congo Kinshasa January 20 and stay there for two months, operating HF and 6m.

TN3S: Sal should be QRV on 80-6m until October 2005. Typically he may be found on 21.185 around 2130z.

Svalbard, JW5RIA: Erling will be active on 50 MHz from Bjornoya, JQ94, EU-027, until June 2004. His web page is <http://www.qsl.net/la5ria>.

Turks & Caicos Is., VP5/K7BV: Dennis will be active from FL31 with emphasis on WARC and 6/2 m bands from Feb 22-26. See web site at <http://www.qth.com/k7bv/Turks>.

Dominica, J73CCM: Lars, SM0CCM, will be active on 160-6m from NA-102 from February 5-March 4.

French St. Martin, FS/K3LP: David and a group of U.S. operators will be here February 17-24, and will attempt 6m before and after the ARRL DX CW contest.

U.S. Virgin Is., KP2/K2ZZ: George is now living in St. Thomas and plans to be active on 20-6m.

Haiti, 4V200YH: A group of DLs plan to operate from NA-096 with three stations on 160-6m from until February 15. See <http://www.qsl.net/dl7cm/haiti2.htm>.

Socorro Island, XF4IH: A group of eight good Mexican operators including several hard-core six meter ops, plan to be on all bands and modes including VHF, UHF, and satellite during a two-week stay (grid square DK48) starting March 3.

Aves Island, YV0: The Radio Club Venezolano (RCV) plans operation from Bird Island (NA-020) on HF, 6m, satellite and possibly EME in late January or sometime in February.

Peru, OA7/PA3GFE: Martijn will be going back to Peru January 15 for at least three months and plans to operate 40-6m in his spare time.

Banaba Island, T33C: A large group plans 24 hours/day of operation on 160-6m and AO-40 sometime in March/April 2004, as well as Tarawa, T30, during the phone WPX. F5CWU is soliciting contributions for the trip.

Lord Howe and Norfolk Islands, VK9L & VK9N: From February 16-27 Babs, DL7AFS and Lot, DJ7ZG will be active from Lord Howe Island, OC-004, and after February 29 to March 13 they will be on Norfolk Island, OC-005, on 80-6m.

Beacon News

Manitoba, Canada, VE4SPT: in EO26pi has been running a temporary aurora beacon on 50.025 with 100 W to 3 elements directed north.

Georgia, U.S.A., KD4BOO: in EM83, on 50.063, replaces KE4SIX.

California, U.S.A., K6FV: Will be using NE antenna (covers 0° to 90° most of the time for the next month or two, except for times when I see VK/ZLs are spotted in North America.

Obituaries

At least three of our brethren didn't make it through the winter. Oswald G. Villard, Jr., W6QYT; Robert I. Sutherland, W6PO; and Bruce L. Sternstein, K2RTH/4 are now silent keys. What information I have on the latter is from W3EP/1's Six Meter Firsts list for the CONUS. Bruce is listed for BX2AB, PY0T, SV9ANK, Z32ZM, 3G0Z, UT5JCW, and VQ9QM.

W6PO, SK

Robert I. Sutherland, passed away the morning of Sunday Jan 11. Bob was one of the radio amateurs with whom I held regular 6m meteor scatter schedules in the late 1950s from W7QDJ in Utah. I don't remember what his call was then. He was perhaps more well known in 2m EME circles, and was a member of the team that made the first amateur contact (on 1296 MHz) via the moon. He was a 48 year employee of Eimac as Director of Advanced Products lab, Editor of "The Moon Bounce Notes", author of numerous practical QRO VHF amplifier articles. Writing of which, I see the W6PO 2m amp with two cylindrical plate lines described on the web, but can find no references to the strip line 8877 amp that could be used on either 144 or 220 MHz.

W6QYT, SK

Oswald Garrison "Mike" Villard Jr. of Woodside, a major figure in 20th-century electronics research, died Jan. 7 at age 87, at Channing House in Palo Alto of complications from pneumonia.

HF was Mike's main environment. While at Stanford, he publicized meteor scatter and backscatter sounding. He worked on the development of "over the horizon" radar that can see targets beyond the horizon, culminating in 1967 with the Wide Aperture Research Facility (WARF) in California's central valley. In 1970, during the student revolts at Stanford over the war, Mike moved his whole Stanford Ionospheric Dynamics Group (about 30 people, with a \$1M DARPA contract and WARF) over to SRI, and became Director of the new Ionospheric Dynamics Laboratory.

Among his accomplishments that may be recognized by the general amateur are the development of the Q-multiplier, for which he holds a patent, and the popularization of SSB. Although not the first to use SSB on the ham bands, his popularization of it through 75 and 20m operation at the Stanford University radio club station W6YX, is what sparked its growth.

Dec 03-Jan 04 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of JA1VOK, G4UPS, W5UWB, XE2HWB, K6QXY, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year

is understood to be 2004 unless the month is greater than 10. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=JT44, P=PSK31, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

Reports of Africa

ASCENSION IS.

01182124 ZD8VHF 539	50.032 B EA7KW
01231631 ZD8VHF 579 55901715	50.032 B EA6VQ
01231653 ZD8VHF	50.032 B F6PHF

CANARY IS.

01182220 EH8JF 579	50.110 PY1RO
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CEUTA & MELILLA

01171830 EH9IB IM85>IO91	50.117 G3FPQ
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GABON

01141625 TROA 559 JJ90>JM19	50.048 B EA6VQ
01161544 TROA 319	50.049 B 9H1TX
01301757 TROA 539	50.048 B EA7KW
01301804 TR8CA CQ	50.110 EA7KW

MOROCCO

01052015 CN8IG 59 IM75>JM16	50.110 F4JVG
01171701 CN8MC IM63>IN78	50.026 B F6KHM
01171738 CN8MC 529	50.027 B G4PCI
01171851 CN8MC S3	50.027 B F6KHM
01171854 CN8KD CQ	50.110 M0BCG
01171855 CN8KD 44 -1901 >IO80JV	H G4UPS
01171904 CN8KD CQ	50.110 G4PCI
01182223 CN8MC S6	50.027 B PY1RO
01231812 CN8TW CQ	50.110 EA7KW

JAPAN

01090659 JE7YNQ 519 ES>PM37	50.027 B HL1LTC
01130657 JH7XRZ	50.110 C HL1LTC
01130659 JE7YNQ 599 ES>PM37	50.027 B HL1LTC
01130715 JG1ZGW 559 QSB ES	50.490 B HL1LTC
01131550 JMSZY FB EME QSO	50.093 W7GJ
01210517 JE7YNQ F2 EXT ES VK4	50.027 B VK3SIX
01210529 JE7YNQ	50.027 B VK5UBC
01220549 JE7YNQ 519 QM>QF	50.027 VK3SIX
01220553 JA1RJU WITH VK3SY	50.110 VK3SIX
01220557 JR2HCB KQ 559	50.110 VK3SIX
01220607 JA6YBR PM51RT	50.017 B VK3SIX
01220611 JR0YEE	50.034 B VK3SIX
01220614 JG1ZGW TOKYO PM95	50.490 B VK3SIX

KOREA, S.

12291003 HL1LTC >QM05	50.110 H JA1VOK
01040112 HL1LTC PM37>QM05	50.110 H JA1VOK
01130706 HL1LTC >QM05	50.110 H JA1VOK
01130736 DS1CCU CW CQ	50.110 HL1LTC

MALAYSIA, WEST

12290450 9M2TO >QM05	50.005 B JA1VOK
01010616 9M2TO	50.005 B JG3LEB
01010620 9M2TO >QM05	50.005 B JA1VOK
01020625 9M2TO >QM05	50.005 B JA1VOK
01020651 9M2TO STRONG	50.005 B JG3LEB
01030745 9M2TO >QM05	50.005 B JA1VOK
01030749 9M2TO STORNG	50.005 B JG3LEB

RUSSIAN FEDERATION

01010450 UA0 R1VID 300° ASIA 49.7515 V VK3SIX

VIETNAM

12290320 3W22S >QM05	50.110 H JA1VOK/M
12290342 3W22S >QM05	50.105 S JA1VOK/M

Reports of Europe

ALAND IS.

01272011 OH0JFF KP00 CQ NAC	50.190 DK5AI
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AUSTRIA

01031134 OE5MPL CQ JT6M	50.230 F4JVG
01031135 OE5MPL CQ JT6M	50.230 H GOCHE
01031442 OE3SJA	50.230 G4PCI
01031705 OE5XBL JN68>JO50JW	50.150 H DL4ALI
01040752 OE5MPL	50.230 J S59F
01041154 OE3MWS FRED	50.230 J OE1SOW
01041356 OE3MWS FRED	50.230 J GOCHE
01171713 OE3OKS	50.130 EH7HG
01180747 OE5MPL JT6M	50.230 J LA1TV
01211741 OE5MPL JT6M	50.230 J G4PCI
02011041 OE5MPL CQ JT6M	50.230 F4JVG

BALEARIC IS.

01171729 EH6VQ	JM19>JO51	50.143 DK5AI
01171733 EH6VQ	59 >JO41	50.143 DL8YHR

BELGIUM

01041349 ON6AB	JO21>IN88	50.230 J F1NNI
01061802 ON7GK	WEAK	50.102 IOWTD
01101190 CN4IQ	CQ JT6M	50.230 G4PCI
01101193 CN4IQ	CQ JT6M	50.230 F4JVG
01261633 ON5LGS		50.220 F4ALP

BOSNIA-HERZEGOVINA

01061832 T99C	CQ JN93>JN16	50.130 F4JVG
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CAPRI

01161956 IC8/IK8GYQ/Q CQ		50.100 IK8WEJ
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CROATIA

01061749 9A1HCD CQ		50.115 9A8A
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CZECH REPUBLIC

01040833 OK1KRY		50.230 J SS59F
01101550 OK1KRY	JN63TR	50.230 J LA1TV
01101723 OK1DDX	CQ JT6M	50.230 G4PCI
01152029 OK1KT	CLG LA1TV JT6M	50.230 SQ6ELV
01161801 OK1KFY	27 IO88KI	50.230 MMSAJW
01170728 OK1KRY	CQ JT6M TROP0	50.230 OE5MPL
01170813 OK1KRY		50.230 F5WNK
01171720 OK2VMD		50.130 EH7HG
01180903 OK1KRY	JN69>IN97	50.230 F5WNK
01180935 OK1KRY	2727	50.230 J F4JVG
01211517 OK1KRY	CQ JT6M	50.230 G4PCI
01231700 OK1KRY	JT6M CQ JN69	50.230 H DL4ALI
01241619 OK1KRY	CQ JT6M	50.230 G4PCI
01260902 OK1KRY	CQ JT6M	50.230 G4PCI
01290920 OK1KRY	FULL 30SEC	50.230 OH6KTL
02010914 OK1KRY		50.230 J OZ1DJJ

DENMARK

01022123 02KLY	59	50.110 H OZ3CR	
01031004 02ADAX	27/27	50.230 J F4JVG	
01031045 OZ1DJJ	FSK441	50.260 J SM5LE	
01031206 02ADAX	JT6M	50.230 G4PCI	
01041155 03C3R	55 MS	>1080JV	50.230 H G4UPS
01181553 OZ1DJJ	JT6M	50.235 J IW2LC	
01231626 02QXJ	59A>JO59DS	50.090 LA8AV	
01231725 OZ9PP	JO47>JO31	50.108 DL1EJA	
02171818 OZ9KY	599	50.150 ON4IQ	
02010909 OZ1DJJ	R38/27	50.230 IV3GTH	
02010954 OZ1DPR	CQ JT6M	50.230 F4JVG	

ENGLAND

01031304 GOCHE	JT6M GOOD REF	50.230 I2WSG
01031929 G4TFX	JT6M	50.230 J SM5LE
01040456 G4PCI	CQ JT6M	50.230 DK5AI
01040643 G4PCI		50.230 J SS59F
01040707 GB3MCB	P I070 579	50.041 B F6KHM
01041142 GH1HO	59 >JN54QL	50.110 H IW4BET
01041144 GH1HO	59>JO55	50.110 H OZ8ZS
01041157 G4PCI	JN69>IO91 BSc	50.235 J F5WNK
01041258 GOCHE	JT6M IO90>IN88	50.230 H P1NNI
01061742 G4DEZ	CQ DX	50.135 I8JIT
01061809 G4DEZ	CQ PATH NORTH	50.135 IOWTD
01061810 G4DEZ	CQ DX 55	50.135 IZ8EPY
01071756 GB3MCB	599 IO700J	50.041 B EA6VQ
01171827 G4DEZ	55 HDN ON WIRE	50.138 H CN8LJ
01181259 GH1HO	57/57 IO90>IN78	.10 S F6KHM
01231705 G3NVO	NORM	50.104 LA8AV
01301821 GB3MCB	559 Es	50.042 B DL7FF

ESTONIA

01221316 ES0SIX	53A>JO49UQ	50.037 B LA1TV
01221358 ES1AJ	55A KO29HK	50.109 LA1TV
01231625 ES5AM	57A	50.132 LA6PV
01231648 ES0SIX	53A	50.035 B LB1HF
01231739 ES8DH	JO59DS>KO28LD	50.106 LA8AV

FINLAND

01032335 OH9SIX	559 AUE	50.067 B OZ1DJJ
01040826 OH3MF	579	50.110 LY2BWW
01060923 OH1JCS	CQ JT6M BSc	50.230 OH6KTL
01121720 OH8K	57A	50.178 SM3XJR
01121726 OH4NR5	56A KP41	50.178 OH5LK
01121907 OH9SIX	57A	50.067 B SM2CEW
01131543 OH9SIX	55A KP36OI>KP30ON	B OH5LK
01151800 OH6YF	55A 55A	50.090 SM5LE
01151820 OH9MRW	KP46CF 57A	50.132 OH5LK
01151821 OH9SIX	57A KP36	50.067 B SM2CEW
01151843 OH3GBY	CQ	50.157 OH6Y
01191420 OH9SIX	55A KP36OI>KP30ON	B OH5LK
01191632 OH3MF	55A JO99>KP20	50.100 SM5LE
01221350 OH2LE	55A KP20DI>JO49UQ	109 LA1TV
01231706 OH3MF	55A KP20>JO31	50.107 W DL1EJA
01231734 OH6YF	KP20>JO31	50.093 DL1EJA
01231735 OH6YF	AURA	50.093 SM61QD
01251703 OH9SIX	56A KP36	50.067 B SM2CEW
01251719 OH6YF	59A>KP20	50.090 SM2CEW
01251739 OH6YF	CQ 55A	50.090 OZ0JX
01251758 OH6YF	55A 56A	50.090 SM5LE
01251907 OH6YF	55A>KO03HT	50.090 SP4MPB
01261931 OH9SIX	57A	50.067 B SM2CEW

FRANCE

01021508 F4JVG	CQ JT6M	50.230 G4PCI
01031214 F1GTU	JT6M	50.230 G4PCI
01031303 F1JG		50.230 J OZ4ADX
01031328 F1JG		50.230 J LA6PV
01031959 F1JG	JT6M CQ	50.230 G4PCI
01040527 F6KHM	CQ	50.150 DK5AI

01040534	F6KHM	56	TR	I090>IN78	.150	H	G7RAU	01041655	IK3TPP	J022MD	50.230	J	PA2DB	01040954	LA1TV	27	27	JO49>JN16	.232	J	F4JVG
01040927	F5NWK	JT6M			50.230	G4PCI	01052000	IW0GPN	CQ LOUD>IN94	50.110	F6FHP	01041242	LA6PV	J059>IN88	50.230	J	F1NNI				
01041032	F5LNU	CQING			50.230	I0WTD	01052003	I0JX	599>IN94	50.005	B	F6FHP	01041341	LA1TV	CQ	JT6M		50.232	J	F4JVG	
01041047	F1NNI	CQ	JT6M	J032	50.230	DG9YIH	01052006	IW0GPN	CQ	50.137	F6FHP	01041413	LA8AV	WITH ON6AB	50.248	S	SG6ELV				
01041215	F5NWK	37	JT6M		50.235	PA2DB	01061614	I0JX	559	50.005	B	G3NVO	01051743	LA8AV	FSK441		50.230	F6FHP			
01041224	F1NNI	I068>IN88			50.230	GM7PBB	01061620	IK0FTA	> I092	50.097	GOFQO	01071524	LA8AV	15SEC/35DB	50.235	J	D2ZEA				
01041239	F1NNI	JT6M			50.230	J	LA6PV	01061624	IK0NOJ	CQ	50.091	G3NVO	01091938	LA7VH	55A		50.095	H	OZ1DJJ		
01041306	F4JVG				50.233	J	ONGAB	01061625	I0JX	569	> IO80JV	B	G4UPS	01091946	LA5UKA	CQ	SIX		50.144	L	LA5M
01042211	F4CYH	J057XK			50.230	J	SM6CMU	01061625	IK0FTA	559/539	JN61 SERGIO	C	G4UPS	01101454	LA1TV	JT6M	2DB MAX	50.230	J	F4JVG	
01052009	F4JVG	WHD	W A WIRE		50.110	CN8LI	01061628	IK0NOJ	599/599	JN61>IO80JV	C	G4UPS	01101520	LA1TV	CQ	JT6M		50.230	G4PCI		
01052020	F4CYH	59	CQ		50.210	EA7/KW	01061629	I0WTD	59/59	JN61GU STEVE	S	G4UPS	01101708	LA1TV	26/27	JO49>JN78	.227	OESMPL			
01061653	F1BKM				50.205	I5KSYJY	01061629	IM5XX	559	> IO80JV	B	G4UPS	01211913	LA7VR	55A		50.098	SM2CWB			
01061733	F5DDE	59	JN05>JN86		50.220	9A1Z	01061634	I0WTD	57	J021	50.135	PE1MZS	01151832	LA7SIX	57A	JP99	50.051	E	SM2CWB		
01061744	F6GPT	59	JN94>JN85		50.205	9A1HCD	01061635	IW0HEX	59/59	JN61GV PASCAL	S	G4UPS	01161649	LA1TV	CQ	JT6M		50.230	G4PCI		
01061745	F5DDE	59+	JN05>JN85		50.220	9A1HCD	01061635	IW5DH	59/59	JN53GI MATT	S	G4UPS	01161723	LA8AV	S	JT6M		50.230	J	F4JVG	
01061747	F6FHP	59+	JN94>JN85	50.105	9A1HCD	01061635	IK5ZUL	569,	IK0GDG 44	B	G4UPS	01171223	LA2AB	JT6M		50.230	G4PCI				
01061748	F6GPT	57	JN94SW>JN86HE	.205	9A8A	01061639	I0WTD	58		50.135	E131O	01172056	LA1TV	CQ	JT6M		50.230	G4PCI			
01061755	F6GEX	59	JN97>JN85	50.145	9A1HCD	01061650	I0WTD	59+10		50.135	ON5FU	01201855	LA1TV	CQ	JT6M		50.230	G4PCI			
01081741	F6FHP	INGO			50.230	J	SM6CMU	01061651	I8LPK	CQ	579	50.106	PF7M	01211738	LA1TV	CQ	JT6M		50.230	G4PCI	
01101240	F6FHP	JT6M			50.230	G4PCI	01061651	IK0FTA	59/55	JN61 SERGIO	S	G4UPS	01221331	LA1TV	J049UQ>J053FG	AUR. 109	DL6TK				
01101245	F6FHP	CQ	35>JN36		50.230	H	F1FSH	01061652	IW0GPN	59+10		50.137	ON5FU	01221512	LA8AV	CQ	JT6M		50.100	H	G3NVO
01161743	F5NWK	CQ	JT6M		50.230	G4PCI	01061654	IW0GPN	59/59	JN62FB ALEX	S	G4UPS	01221651	LA8AV	&	1851 JT6M		50.230	G4PCI		
01180928	F5NWK				50.230	J	S59F	01061657	IW5DH	CQ	50.155	F4JVG	01221851	LA8AV	CQ	JT6M		50.230	G4PCI		
01181012	F4JVG				50.230	J	SQ6ELV	01061658	IK0FTA	CQ	59+	50.170	PF7M	01231538	LA4OGA	CQ	57A	50.101	SM5LE		
01201429	F6FHP	EME			50.205	W1JJ	01061659	IK0IE	55/55	JN61DT BOB	S	G4UPS	01231636	LA1TV	AURORA		50.092	SM6IQD			
01311039	F8CED	5X			50.230	OESMPL	01061701	I2ZFPN	CQ	DX 57	50.120	PF7M	01231718	LA7VH	J059>J031		50.089	DL1EJA			
01311347	F6FHP	LIKE TROP			50.230	S59F	01061702	I2Z6BX	55/55	JN72 TONY	S	G4UPS	01231719	LA8AV	CQ		50.104	MOAMW			
02011258	F1GTU				50.230	J	S59F	01061708	IH9GPI	59 JM56	50.130	OZ1DJJ	01231923	LA8HGA	CQ	59A	50.093	OZ1DJJ			
02011316	F8CED	IN87>JN65			50.230	J	S59F	01061713	IK5RLP	57/57	JN52L>I080JV	S	G4UPS	01231933	LA3PU	57A		50.136	OZ1DJJ		
GERMANY								01061715	IK0FTA	JN51	50.170	OZ1DJJ	01231943	LA8HGA	55A		50.101	DLTFF			
01032210	DD6BKR	MS QSO	35 MIN		50.218	C	SM5LE	01061720	I0KNOJ	JN51GV	50.190	GOCHE	01241155	LA1TV	&	1356 JT6M		50.230	G4PCI		
01061821	DL1DCY	CQ	DQ		50.125	I2Z6PY	01061723	I0JX	59 J090>JN81	50.145	G7RAU	01241330	LB1HF	CQ	JT6M		50.230	G4PCI			
01171715	DL3LFA	GOOD SIGNAL			50.130	EH7KG	01061726	I2Z6XV	57 JN72>JN59	50.150	DL9NDC	01251750	LA1TV	55A>J054		50.095	H	OZ0JX			
01231704	DK2JP	55A>JN95DS			50.104	LA8AV	01061730	I2Z8EQF	JM89	50.165	G7RAU	01252215	LA5TF9	59		50.110	H	OZ1DJJ			
01231801	DL1EJA	55A	>J081		50.092	GW3MFY	01061731	I0K7UJ	S>J1093	50.145	G1INK	01271815	LA1V	JP50 LOUD		50.135	ON4IQ				
01231935	DF9OX	CQ	57A		50.090	OZ1DJJ	01061736	I0KNOJ	579	50.095	OZ1DJJ	01271837	LA8AV	CQ	JT6M		50.230	G4PCI			
01232225	DF9OX	CQ	J053		50.110	OZ8ZS	01061738	I5KRLP	59	50.180	OZ1DJJ	01272037	LA1TV	CQ	JT6M		50.230	DG9BDI			
01271952	DF9OX	J042>J051			50.166	DK5AI	01061741	I2Z8ON	JN70>J042	50.120	DL8EBW	01302042	LA1TV	CQ	JT6M 1ST		50.230	SM5LE			
							01061756	I2Z8ON	55/55 JN61	50.110	DL3LFA	01311542	LA1TV	CQ	JT6M 2ND		50.230	F4JVG			
							01061768	I1K4QJQ	55-56 JN67	50.110	E17KJ	01311647	LB1HF	CQ	JT6M		50.230	LA8AV			
							01061770	I2W2HS	50.150	W	EH7HS	02011339	LA1TV	CQ	JT6M		50.230	G4PCI			
							01061771	I1NAI	50.108	EAF5V	012011457	LA1TV	CQ	JT6M		50.230	LA8AV				
							01061774	I2W2HS	50.230	J	F4JVG	02011457	LA1TV	CQ	JT6M		50.230	G4PCI			
							01061776	I2K2FL	55/55 SEC BURST	50.230	PE1MZS	01231656	SP2MLK	55A>J059DS		50.104	LA8AV				
							01061777	I2K2FL	JT6M 1071PS	50.230	JW3LWE	01231724	SP4JWU	K003FR		50.104	LA8AV				
							01061778	I2K2FL	519>J053	50.179	SP6MLK	01272202	SP6MLK			50.170	W	I5KRLP			
							01061779	I2K2FL	519>J053	50.180	E17KJ	01281644	SP6STK	CQ	6	50.150	SP6NVN				
							01061780	I2K2FL	519>J053	50.180	SP6MLK	01291019	SP6MLK	CQ	6 M	50.150	SP6NVN				
							01061781	I2K2FL	519>J053	50.180	SP6MLK	01301917	SP6ELV	559 CQ>J080IK	50.098	SP6MLK					
GREECE																					
01051815	SV1SIX	559	KM17>JN54	50.040	B	IW4BET															
01051834	SV1SIX	559	J051>KM17	50.040	B	DK5AI															
01051955	SV1SIX	LOUD	>JN86	50.040	B	9A1Z															
ICELAND																					
01102330	+TF3SIX	REGULARY	>EO26		B	VE4/KG0VL															
01231613	TF3SIX	AU			B	SM7FJE															
01251701	TF3SIX	559	HP93 AE	50.057	B	SM2CEW															
01252129	TF3SIX	559	HP94 AE	50.057	B	SM2CEW															
01310831	TF3EE	59		50.110	I	LA6PV															
IRELAND																					
01301820	E13IO	59	Es?	50.130	H	IW4BET															
01301831	E13IO	WEAK	Es	50.130	I	5CTE															
01301834	E13IO	59>JN45LL		50.130	I	K2EAE															
01301837	E13IO	>JN35		50.130	I	IZ1EPM															
ISLE OF MANN																					
01031354	GD0TEP	549	TR	JT6M	50.203	H	F6KHM														
01031356	GD0TEP	LOUD	JT65B		50.203	H	LA6PV														
01041507	GD0TEP	BEST	30S+12DB		50.233	J	S59F														
01041511	GD0TEP	BEST	6S/20DB		50.233	J	IW3SNU														
01041524	GD0TEP				50.233	J	SP3RNZ														
01071516	GD0TEP	ANDY			50.230	J	OK2PTC														
01081223	GD0TEP	IN97>J074	1.7S>7DB		50.230	J	F6FHP														
01152121	GD0TEP	BEST	3.3S+7DB	50.230	J	S59F															
01172048	GD0TEP	CQ	JT6M		50.230	G4PCI															
01181916	GD0TEP	CQ	JT6M		50.230	G4PCI															
01262102	GD0TEP	CQ	JT6M		50.230	G4PCI															
01311208	GD0TEP	CQ	JT6M		50.230	G4PCI															
JAN MAYEN																					
01022031	JX7SIX	539	QSB				01022031	JX7SIX	539	QSB	50.079	B	SM3LBN	01022031	CTOSIX	599	QSB	50.079	B	SM3LBN	
01022033	JX7SIX	539	KP20				01022033	JX7SIX	539	KP20	50.079	B	OH2AVP	01022033	CTOSIX	599	QSB	50.079	B	OH2AV	

01260309	XE2TH	DM30>DL44	S	XE2HWB	01010109	W4CHA	579	EL88>EM13	50.080	B	KB5VPR	01311511	K4QI	589	EM85	50.125	K7BV/1
01260319	XE1HRS	DK99>DL44	S	XE2HWB	01010306	KE4LGL	EM77>DN76	KY>ND	.135	K0DLW	01311513	K4RX	579	EM70	50.125	K7BV/1	
01270135	XE2IW	>EL17AX	50.125	W KOHA	01020039	WA4WOS			50.125	K5IX	01311523	KD4HLG	579	EM73>FN31	50.075	B	K7BV/1
01270206	XE2T2P	>EL17AX	50.110	S W5UWB	01020050	KD4ESV	FLA		50.125	K5IX	01311526	KE4KVG	58/58	EM80	50.125	K7BV/1	
01270249	XE2ED	599 DM10>DN70	50.028	B KOGU	01020100	W4/NW5E	LOUDEST		50.130	K5IX	02011627	W4SO	559 TROFO		50.125	K4RX	
01270250	XE2XK	DM22	50.125	K5IX	01031726	W4/NW5E	EL98>EM77		50.125	N3DB	02011656	K4RX	CW		50.125	K5IX	
01270255	XE2K	DM22>EN10	50.122	AB5GU	01031922	KF4WE	EM56		50.125	N4HN							
01270325	XE2K		50.122	KOHA	01042336	WD4KDK	>FM18		50.125	N3DB							
01272222	XE2SNG	DM30	50.125	AD5A	01071616	W4/NW5E	EL98 SCTR		50.125	K1GUN							
01280214	XE1MEX	EK08	50.115	AE5B	01080046	K4WIL	EL73		50.125	W KOHA							
01290138	XE1BEF	CW	50.109	K5IX	01090015	K4QI	FM06>EN10 CW		50.125	W KOHA	01010022	W5OZI	>BN52		50.125	K9LCR	
01290207	XE2YW	EL29>DL82	50.152	K5IX	01090023	K4QI	FM06>EN10		50.125	KOHA	01010025	K5AB	LOUD>EM90		50.059	K4UTE	
01300028	XE1BEF	CQ	50.110	K5IX	01090222	W4VC	55 EM81		50.125	K3E	01010032	W5Q5	EM12>EN52		50.135	K9LCR	
02011621	XE2HWB	579 DL44>DN70	50.007	B KOGU	01090236	W4VC	EM81		50.145	K7BV/1	01010045	W5III	DM91>EN52		50.125	W5TFW	
Puerto Rico																	
01041745	WF4F		50.090	B WP4LNY	01091558	AC4TO	599		50.125	W KOHA	01020202	W5OZI	>BN52		50.125	K6QXY	
01061805	WF4ALC	58	50.110	WP4NIX	01091719	K4OKG	59 EL98>EM48		50.125	W KOHA	01010025	K5AB	LOUD>EM90		50.059	K9LCR	
01061811	KP4EIT	58 PAPO	50.110	WP4NIX	01091750	AB4RQ			50.125	KOHA	01010032	W5Q5	EM12>EN52		50.135	K9LCR	
01210035	WF3NK		50.110	LU2NI	01091805	K4EB	59 EL99>FN03		50.125	AE5B	01010045	W5III	DM91>EN52		50.125	W5TFW	
ST BARTHELEMY																	
01082342	FJ5DX		50.110	PY4OY	01091822	K4QMI	LOUD FM16>EM13	.145	50.098	WBSNR	01080003	K5AD	>DL44		50.135	AE5B	
01092313	FJ5DX		50.110	PY4OY	01091829	K4QI	FM06>EM12		50.125	WBSNR	01080005	W5RP	>DL44		50.134	KX2HWB	
01132342	FJ5DX	58>GG66	50.110	H Z2ZTGR	01091833	W4VC	59+>EM47		50.125	WBSNR	01080020	W5OZI	>DL44		50.134	KX2HWB	
01290008	FJ5DX	59>GG66QM	50.110	PU2wdx	01091841	K4QGMI	FM16>EM32		50.125	KOHA	01080025	KJ5N	>DL44		50.134	KX2HWB	
01290102	FJ5DX	VERY STRONG	50.110	PT7VB	01091859	W4VC	EM81		50.125	KOHA	01080035	W5Q5	XE2YW >DL44		50.134	KX2HWB	
ST KITTS & NEVIS IS.																	
01050253	V44NK	KARL	50.125	AK3E	01091935	W4/L7AU	EL94>EN10		50.125	W KOHA	01072327	AEB5	55		50.115	H ZL2TPY	
Sint Maarten																	
01260041	PJ7/K2GSJ	TOM	50.110	PU2wdx	01091953	K4EB	59 EL99>EM50		50.125	W KOHA	01092042	KD5HPT	EM32		50.115	J N8OC	
Virgin Is.																	
01052055	NE2SH	S2 >FN46	50.099	VE2TH	01092040	W4VC	55 EM81>EM10 GA>TX		50.125	WBSNR	01091803	W5UWE	EL17>FN32		50.144	WB2MRX	
01200042	NE2EI	EM92>EN52	50.145	W9RM	01092050	AC4TO	559 FM18		50.125	N3DB	01091826	W5NWN	FM16>EM12		50.145	KG4QMI	
01202241	KV2AA	55 FK78>EL98JH	50.125	NN4X	01092102	W4CHA	519 FM18		50.080	WVX	01091832	K5AB	LOUD>EM90		50.125	WB2TQE	
United States, W1																	
01032010	W1/WA2SPF	MS 599	50.126	K8KS	01092114	K4RJW	EM95>EL97		50.125	W KOHA	01091902	N5ASA	EM42>EL96		50.125	W K1BYE	
01051846	W1AW	>F4N61	50.128	VE2PEP	01092122	W4CHA	519 FM18		50.125	W KOHA	01091944	K5AB	EM01>DN70		50.060	B KOGU	
01090128	W1AIN	FN34 599	50.125	W5NE	01092123	W4WTA	EM83		50.125	W KOHA	01091950	KD5NMN	59 EM01>DN70		50.125	KOGU	
01190411	W1NNI	DM12>DN41	50.145	KU7Z	01092139	K4RJW	CQ DX CW		50.125	W KOHA	01092042	W5PNR	EM22 > EL96		50.125	W K7TQE	
01200057	WI1S	EL99>EN52	50.097	W9RM	01092144	K4KJZ	EM72>EM32		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01251414	WIJJ	FN41>EN44	50.098	K9MU	01092152	W4CHA	569 EL88		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01251505	WI/K7BV	FN41>EN52	50.130	W9RM	01092153	K4AZV	DM14>DL44		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01251515	WIQK	FN31	50.160	K1TTT	01092159	K4AZF	FM14>DL44		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01251704	WIJJ	519	50.098	K4RJW	01092239	K4PQF	FM05>EN52		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01252335	WI/K7BV	FN31>FN32	50.164	K1TTT	01092247	K4JXK	FM14>DL44		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01260136	WI1S	EL99	50.150	K5IX	01092250	K4RJX	FM14>DL44		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01311510	WI/K7BV	589	50.125	W5NE	01092256	K4RJY	EM80>EM70		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01311516	WIJJ	599	50.125	K4RX	01092262	K4RJZ	EM72>EM54		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
01311558	KB1JCL	FN43	50.125	NW5E	01092268	K4RJZ	EM75>EN52		50.125	W KOHA	01092049	N5HVV	559 EL59		50.125	W K7TQE	
United States, W2																	
01031757	K2DRH	EN41 CO	50.125	KI9R	01092304	K4PQF	EL96>EM13		50.144	VA3MW	01092059	N4JQQ	FN03>EM55		50.135	KOHA	
01070000	K2LIM	FN12>FN43	50.130	WA1T	01092316	K4PQF	EM55>EN52		50.063	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01090235	K2CXM		50.130	W9S	01092319	K4PQF	EM55>EN52		50.075	KOHA	01092059	N4JQQ	FN03>EM55		50.135	N8CJJK	
01091534	K2ZD	FN20	50.069	B K5AB	01092339	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01151618	W2/K3KYR	FN24 WEAK	50.125	E KOHA	01092346	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01192332	KC2HWE	FN32	50.125	NW5E	01092353	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01230346	W2AFG	SC NW	50.125	N3DB	01092360	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01241720	K2DRH	EN41>EL98	50.125	K5IX	01092367	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01260220	W3TEF	FN00>FN03 SC	50.125	K8KS	01092374	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01032101	W3TEF	FN00	50.125	N0JX	01092381	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01032104	W3TEF	FN00>FN03 SC	50.125	K5IX	01092384	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01041557	W3CMF	GOOD SSB COPY	50.125	KOAHU	01092391	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01041617	W3CMF	BURSTS >EM17	50.125	N0JX	01092394	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01071614	N3DB	FB18 MS	50.125	NW5E	01092397	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01090252	N3DB	599 CQ	50.125	K4RX	01092404	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01090300	W3JLG	SSB FN11	50.125	K7BV/1	01092417	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01120124	K3EGH	WEAK FN19>EM17	50.125	W KOJA	01092423	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01120127	K3EGE	FM29>EM17 Es	50.125	W KOJA	01092429	K4PQF	EM55>EN52		50.125	KOHA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01120145	W3DB	FM18>EM17	50.160	H KOJA	01092439	K4PQF	EM55>EN52		50.155	W KOJA	01092059	N4JQQ	FN03>EM55		50.135	W KAOYZD	
01120148	N3DB	FM18>EM17	50.160	N0JX													

01260157	WQ5W	EM12>DL44	S XE2HWB	01110154	N7IJ	DN44 59	50.125	WQ5S	011161614	K9CFD	559 TROPO/Sc	50.126	N3DB	
01260159	AD5NR	>DL44	H XE2HWB	01110208	WA7X	559 DM49>EM17	50.070	B NOJK/M	011161758	WA9UEW	TROPO	50.125	N3DB	
01260200	W5JLC	>DL44	H XE2HWB	01110214	K7HLN	DN36	50.125	AEB5	01200100	N9UM		50.145	W5JMW	
01260203	K5QE	EM31>DL44	S XE2HWB	01110221	NS7K	DN31	50.135	WBSNRI	01222305	W93N	EN54	50.063	B N8COK	
01260206	N5VGS	EM22>DL44	S XE2HWB	01110224	NS7K	55 DM31>EM10 TX	50.135	W5GAI	01251615	WB9ZP	55 EN60>EN82	50.147	K8KS	
01260206	WBSNRI	EM22>DL44	S XE2HWB	01110230	KD7ETC	57 DM54>EN25	50.135	KC0JFY	01251937	AK9Y	EN61	50.140	W9ZJX	
01260207	W5SXD	EM02>DL44	S XE2HWB	01110242	WA7X	DM49	50.070	B AEB5	01252001	WB9ZQ	EN60>FN21	50.125	N2WM	
01260212	KSSOLC	EM10>DL44	S XE2HWB	01110253	WA7X	559 DM49>EM13	50.070	B WQ5S	01260002	K9NU	AURORA	50.124	K8CC	
01260213	AD5FD	DM95>DL44	S XE2HWB	01110315	KD7ETC	WEAK >CN80	50.125	K6IPF	01260220	K9AK	EM12>DL44	S XE2HWB		
01260221	W5UWB	LOUD>FLA	50.160	W4GDC	01110923	W7GJ	EME -20DB	50.190	H IW5DHN	01260240	K9OIM	EM56>EM55	50.140	N4LGY
01260231	W5UWB	EM17>DL44	S XE2HWB	01121612	N7AU	DN07 57	50.125	KOHA	01270343	WB9ERB	EL29>DM75	50.125	K5IX	
01260235	KD5DSG	EM10>DL44	S XE2HWB	01150036	KD7LHL	DM42	50.125	K5IX	01272353	N9NS	55 EM69>EM10	50.132	W5GAI	
01260238	AB5A	EL29>DL44	S XE2HWB	01150059	K7TOP	DM43>EM40	50.125	W5CIA	01272354	N9NS	CQ CQ	50.132	W8GEX	
01260240	K5AB	>DL44	B XE2HWB	01150105	W7ZL		50.150	K5IX	01292122	K9OIM	EM56 KY>EL98	50.125	NW5E	
01260243	K5TX	EL29>DL44	S XE2HWB	01150145	KD7ETC	DM54	50.125	K5IX						
01260245	W5WLL	EM22>DL44	S XE2HWB	01150151	K7JE	DM33	50.125	K5IX						
01260250	KD5PP	DM63>DL44	S XE2HWB	01170513	KD7TOP		50.125	K15YH						
01260250	NW5E	>DL44	S XE2HWB	01190037	N7LT	DN45	50.073	B AEB5	12160357	W0MTK	W0IJR, K0EC, W08	CO	B K6QXY	
01260251	W5WVO	DM65>DL44	S XE2HWB	01190044	W7/9WAWSJ	DN13 IDAHO	50.125	AEB5	01010008	K0CLXB		50.135	K5USS	
01260253	K5OG	EL17>DL44	S XE2HWB	01190055	KC7GLR	DN12	50.125	AEB5	01010010	KN9WCW/0	579	50.098	WSDN	
01260255	W5JLR	EL09>DL44	S XE2HWB	01190058	NN7K	DM09>DN70	50.074	B KOGU	01010026	NOUD		50.069	BA6TTT	
01260256	N5AW	EM00>DL44	S XE2HWB	01190114	WA7X	599 DM49>EM13	50.069	B WQ5S	01010110	KOSH	59 EN34	50.125	K7BV/1	
01260302	W5UFH	EL19>DL44	S XE2HWB	01190124	WA7X	DM49>EM12	50.070	B WQ5W	01010114	KOCP	S9+	50.073	K7BV/1	
01270100	W5WBO		K5IX	01190150	W7FA	CN85 OREGON	50.125	AEB5	01010117	WB0BDQ	59 EN46>FN30	50.125	AA2DR	
01270131	W5WVO	DM65	K5IX	01190229	WA7X	589 >0310	50.070	B K6FV	01010124	KOJO	EN26	50.135	K7BV/1	
01270215	W5UWB	EL17>DL44	H XE2HWB	01190415	K7TOP	DM43>DL44	S XE2HWB	01010125	WOOSP	59 EN17>FN30	50.130	AA2DR		
01270217	K5OC	EL17>DL44	H XE2HWB	01190416	AB7OE	DN41>DL44	S XE2HWB	01010128	AAOMZ	EM29>FN25	50.125	VA2UK		
01270218	K5EMG	>DL44	H XE2HWB	01190438	K7TOP	59/59 DM43	50.135	S K6FV	01010130	K0CMBL	EN43>FN25	50.125	VA2UK	
01270218	K5KBR	>DL44	H XE2HWB	01230258	WA7JTM	K7TOP AZ	50.125	KB6NNAN	01010219	KAOQPW		50.125	KB0FHP	
01270239	W5ZF	DM65	K5IX	01230312	K7KWA	WKG WB5NRI	50.125	KB6NNAN	01010224	KAOQPW	59>FM18	50.125	KA6AKH	
01270242	W5QW	EM12 & 0400	XE2K	01230402	K7KWA	WKG WB5NRI	50.125	KB6NNAN	01010228	KORPT	EN10	50.140	K7BV/1	
01270313	W5GNE	EL29>DM73 CW	K5IX	01260150	KE7NR	DM33>DL44	S XE2HWB	01010237	KORPT	59 EN10>FN30	50.140	AA2DR		
01272251	W5FW	55>FLA	W4GDC	01260151	W7RV	DM43>DL44	S XE2HWB	01010244	KORPT	57 EN10>EN72	50.140	KB8UYZ		
01280011	K5KOY	S9>FLA	01260201	K7ICW	DM26>DL44	S XE2HWB	01010248	KORPT		50.140	KB0FHP			
01282351	W5HOT	59	W1JJ	01260253	W7JTM	DM33>DL44	S XE2HWB	01010252	KOUP	58>EN72	50.080	B KB8UYZ		
01290000	W5VAS	599	W0BD	01262211	W7GJ	JT65 EME	50.205	J M0BCG	01010252	KOUP	589	50.073	B VA6TTT	
01290021	N5HYV	EL59	KOHA	01270117	AA7A	W/GROUP	50.130	K5IX	01010643	KOCP	539	50.073	V6TTT	
01290044	W5JLC	DM81	AEB5	01270125	WA7JTM	DM33>EN10	50.130	K5IX	01012220	KORPT	589	50.073	K7BV	
01290059	KC5OB	54>EM90	W4GDC	01270225	N7B	WB42>EN10	50.200	KOHA	01031730	KODLW	DN76>DN70 ND MS	50.125	KOGU	
01290143	N5XOY	DM90>EM64	K5KI	01270336	K7MWD	DM33>EN13	50.135	W5GM	01032122	NOPEB	EM39>FN03 SC	50.125	V43MW	
01290150	W5QW	>DL44	H XE2HWB	01271719	K7VYZ	DN13>EN10	50.125	KOHA	01032253	KOUP	579	50.073	B V6ATT	
01290243	W5/NH6CJ		K5YH	01290155	WA7JTM		50.125	K5IX	01032300	KOGU	55 DN70>DO33	50.125	V6ATT	
01291736	NW5E	EL98>FN10	W3MEL	01311522	K7BV	SSB CON	50.125	K4RX	01032310	KAOZYD	55 DO33>EN34	50.125	V6ATT	
01291744	NW5E	EL98>FN00	N5KI	01311522	KC7OTV	JT6M CN84>DN41	0.260	KU7Z	01032316	KOUP	559 EN36>DO33	50.073	V6ATT	
01291750	NW5E	59 & 1838	N3DB	01311653	K7CJX				01062337	WA0NH	57A EN47>EN37	50.135	S K0AUW	
01292201	W5VAS	589 FM18	N3DB	01312008	N8UUP	CQ AU	50.125	NW5E	01062334	NOUD	52A IN>OUT >DN87	0.069	B K7TNT	
01292342	NW5E	>EM20	W5DN	01312009	N8UUP	CQ CW	50.125	B V6ATT	01091842	KOHA		50.125	N4RFN	
01301730	NW5E	56 FM18	N3DB	01312011	N8UUP	CQ CW	50.127	K4XG	01040008	KOUP	559 MS	50.073	B VA6TTT	
01301947	NW5E	55 FM18	N3DB	01312014	N8UUP	CQ CW	50.068	B V6ATT	01040241	KOUP	559 MS	50.073	B VA6TTT	
01302250	W5UWB	59 EL17>EL98	NW5E	01022222	WZ8D/8 EM	EM99 FSK441	50.260	K7BV/1	01041802	KOUP	529	50.073	B V6ATT	
01310019	NW5E		K5IX	01031926	N8CJX	EN84 MS	50.125	NW5E	01042230	NOLL	EM09>DO33	50.073	V6ATT	
United States, W8				01031938	K8KS	EN82 MS CW	50.125	KOUP	01062327	WOOSP	57A EN17>EN37	50.125	V6ATT	
United States, W9				01031948	K8MM	EN91 MS	50.125	NW5E	01062334	W0NHN	57A EN47>EN37	50.125	S K0AUW	
United States, W7				01032302	N8POM	539	50.068	B V6ATT	01091848	W0R0		50.125	N4RFN	
United States, W7				01032305	N8POM	CQ CW	50.125	K8KS	01091918	WODAA	FM16>EM48	50.125	KG4QMI	
United States, W7				01032307	N8POM	EN76	50.125	N5VGS	01092210	KOOU	599 EM07	50.080	B NW5E	
United States, W7				01032309	N8POM	EN77	50.125	KOGU	01092238	KOOU	599 EM90	50.079	K4UTE	
United States, W7				01032311	N8POM	EN78	50.125	KOHA	01032257	KOUP	589	50.073	N3DB	
United States, W7				01032313	N8POM	EN79	50.125	KOHA	01032337	KOUP	57 EN37>EN37	50.125	S K0AUW	
United States, W7				01032315	N8POM	EN80	50.125	KOHA	01091848	W0R0	EN19	50.125	V6ATT	
United States, W7				01032317	N8POM	EN81	50.125	KOHA	01100447	KOHA	57A EN10>EN37	50.125	V3JKR	
United States, W7				01032319	N8POM	EN82	50.125	KOHA	01100818	KOHA	54A EN10>EN84	50.125	N8CJX	
United States, W7				01032321	N8POM	EN83	50.125	KOHA	01101638	KORPT	EN10>DN70 SC	50.125	KOGU	
United States, W7				01032323	N8POM	EN84	50.125	KOHA	01102051	KOUP	DM79>EM32	50.125	K5UIC	
United States, W7				01032325	N8POM	EN85	50.125	KOHA	01102100	W01JR	DM79>EM12	50.130	W0VX	
United States, W7				01032327	N8POM	EN86	50.125	KOHA	01102127	W0MTK	559 DM79>EM55	50.065	B N4LGY	
United States, W7				01032329	N8POM	EN87	50.125	KOHA	01102130	KACDN	599 DM79>EM55	50.065	B N4LGY	
United States, W7				01032331	N8POM	EN88	50.125	KOHA	01102155	KODLW	58 DN76>EM04	50.125	KD5PBR	
United States, W7				01032333	N8POM	EN89	50.125	KOHA	01102156	KODLW	59 DN76>EM13	50.140	NQ5X	
United States, W7				01032335	N8POM	EN90	50.125	KOHA	01102157	KOACAO	59 DM79>EM17	50.125	N5JHE	
United States, W7				01032337	N8POM	EN91	50.125	KOHA	01102144	KOACAO	59 DM79>EM17	50.125	N5JHE	
United States, W7				01032339	N8POM	EN92	50.125	KOHA	01102145	WBOOA	57 DN86>EM10	50.140	W5GAI	
United States, W7				01032341	N8POM	EN93	50.125	KOHA	01102145	WTOA	FM16>EN10	50.135	B K0EC	
United States, W7				01032343	N8POM	EN94	50.125	KOHA	01120216	WTOA	FM16>EN10	50.125	V6CDP/W9	
United States, W7				01032345	N8POM	EN95	50.125	KOHA	01120216	KOUP	DM79>EM58	50.125	W VE3CDP/W9	
United States, W7				01032347	N8POM	EN96	50.125	KOHA	01120220	KOUP	59 DM79>EM17	50.064	B NOJK/M	
United States, W7				01032349	N8POM	EN97	50.125	KOHA	01120220	KOUP	EN10>DN13	50.125	N5HAL	
United States, W7				01032351	N8POM	EN98	50.125	KOHA	01120220	KOUP	59 DM59>EM17	50.064	B NOJK	
United States, W7				01032353	N8POM	EN99	50.125	KOHA	01120242	NOLL	>DM03	50.145	KJ6HI	
United States, W7				01032355	N8POM	EN100	50.125	KOHA	01120315	KOYV	WEAK >CN80	50.125	K5IPF	
United States, W7				01032357	N8POM	EN101	50.125	KOHA	01120317	W0YXW	DM67>EN82	50.125	K5KRS	
United States, W7				01032359	N8POM	EN102	50.125	KOHA	01120318	W0/W60AL	WEAK DM79>EN60	50.125	KB9VMW	
United States, W7				01032361	N8POM	EN103	50.125	KOHA	01120323	K				

January 04 50 MHz Beacon List

Credits to G3USF

Freq	Call	Town	Loc	Pwr	Freq	Call	Town	Loc	Pwr	Freq	Call	Town	Loc	Pwr
50000	GB3BUX	Nr Buxton	I093BF	25	50043	VE6ARC	Grand Prairie AB	D005	25	50070	WA7X	Fairview UT	DM49HO	100
50000	9A1CAL		JN86EL	1	50043.3	ZL1VHF	Whitford	RF73MB	20	50070	W4CLM	Stanley NC	EM95	
50001.0	VE1SMU	Nr Halifax NS	FN84	25	50044	ZS6TWB	Pietersburg	KG46RD	15	50070.6	KOETC	Joplin MO	EM27	10
50001.3	IW3FZQ	Enego VI	JN55JW	8	50045	OX3VHF	Qaqortoq	GP60QQ	20	50071	W5HN	Allen TX	EM13SJ	0
50002.5	7Q7SIX		KF75	5	50045.6	JW5SIX	Hopen Island	KN13NE	0.5	50072.5	W4IO	Ashburn GA	EM81	
50004.0	IOJX	Rome	JN61HV	10	50046.5	VK8RAS	Alice Springs	KQ26MM	10	50073	PP2SIX	Anapolis	GH53MP	7
50004.7	4N0SIX	Nr Belgrade	KN04FU	1	50047	JW7SIX	Kappe Linne	PG66	15	50073	W7KMA	Manassas VA	FM18GR	1
50005	9M2TO	Penang Island	OJ05DJ	50	50048.7	JW9SIX	Bear Island	JQ68TB	10	50073	KOKP	Duluth MN	EN36WT	100
50006.2	PY0FF		HI36TD	30	50049	VA3BCN	W Toronto	JQ94LM	15	50074	K8PLF	Maumee OH	DN45	3
50007.8	DU1EV	Metro-Manila	PK04MP	10	50049.4	LZ2CC		KN03WH	1	50074	KD4HLG	Conyers GA	EM73	3/30
50008	XE2HWB	La Paz Baja Cal.	DL44	10	50050	ZS6DN	Nr Pretoria	FP53RS	25	50074	W5RP	San Angelo TX	DM91	
50008.0	KOGUV	Park Rapids MN	EN26	8	50051	PY1AA	Libreville	JJ40	15	50074	N7LT	Bozeman MT	DN45	3
50009	I5MXX	Pieve A Nievole	JN53JU	10	50051	LA7SIX	Bardu	JP99EC	30	50075	KL7GLK/3Bay	Ridge MD	FM18SW	4
50009.5	PY2SFY	Pindamonhangaba	GG77GA	4	50053.5	PI7SIX		JO22NC		50076	WR9L	Bourbonnais IL	EN61BD	10
50010.8	SV9SIX	Iraklio	KM25NH	30	50053.6	XE3RCM	Merida	EL50	1	50077	K4AHO	Zellwood FL	EL98FR	7.5
50010	JA2IGY	Mie	PM84JK	10	50054.2	K9MU		EN44		50077	W9FZ	Hillsboro WI	EN43	
50012	OX3SIX	Kulesuk	HP15EO	100	50054	O26VHF	Ribe	JO45IG	1	50077.6	NOLL	Smith Center KS	EM09OW	14
50012	HP1RCP	Cerro Jefe	FJ09HD		50055	V44KAI	St Kitts/Nevis	FK87QH	2	50078	AC3A	Leawood KS	EM28QV	10
50013	LZ1JH		KN22TK	1	50056.5	VA7SIX	Coquitlam BC	CN89	10	50078.0	OD5SIX		KM74	8
50014	V73SIX	Roi Namur I.	RJ39RJ	70	50057	TF3SIX	Reykjavik	HP94BC	12	50078.2	TI2NA	San Jose	EJ79	50
50014.5	9M6SMC	Keningau	OJ85AX	2	50057.5	VK4RGG	Nerang	QG62	10	50078	W8SCA	Franklin OH	EM79UN	6
50015	9Y4AT	Trinidad	FK90ER	25	50058	HB9SIX	Nr St Gall	JN47QG	0.2	50079	JX7SIX	Jan Mayen	IQ50RX	10
50015	SV5SIX	Rhodes		0.3	50058	IQ4AD	Parma	JN54DT	8	50079	W4CHA	Tampa FL	EL88	
50015.3	SR3SIX	Konin	JO92DF	5	50058	OE3XLB		JN87AT	10	50080	KOUO	Kiowa KS	EM07	10
50015.5	LU9EWF	Lincoln City	FF95	15	50059.5	VE3UBL	Brougham	FN03	10	50080	FK8SIX	Noumea	RG37FR	15
50015.5	VA2MGL	La Malbaie PQ	FN47UQ	6	50059.3	PY2AA	60k E Sao Paulo	GG66	25	50080	WD8OST	Goettville MI	EN76	10
50017	JA6YBR	Miyazaki	PM51RT	50	50059.5	K4TQR	Birmingham AL	EM63OM	4	50080.0	UU5SIX	Mtns Nr Yalta	KN74AL	10
50018	VE4ARM	Austin MB	EN09MW	50	50060	KE4WBO	Jupiter FL	EL96	10	50080.0	4X4SIX	Tel Aviv	KN72JB	3
50019	IZ1EPM	50k SE Turin	JN34WR	15	50060.0	KD4NNMI	Knightdale NC	FM05RT	100	50080.0	W3CXX	Philadelphia PA	FM29JW	4
50019	CX1CCC	Montevideo	GF15	5	50060.0	GB3RMK	Nr Inverness	IO77UO	40	50080	PP1CZ	Vitoria I ES	GG99UQ	3
50020.7	IK5ZUL		JN52		50060.0	W5VAS	Lacombe LA	EM50	100	50082.5	LU8DCH	San Isidro BA		1.5
50021	S55ZRS		JN76HD	8	50060.0	WBORMO	Fairbury NE	EN10	25	50083.6	LU7YS	S.Martin de los Andes, Patagonia	FF49IU	
50021.3	OZ7IGY	Toelloese	JO55VO	30	50060	K5AB		EM01		50084.0	UT5G	Petri UKR	KN66LS	1u
50023	XE1KK	Mt Popocatepetl	EK09QC	20	50060.5	KD4AOZ	Watkinsville GA	EM83		50084.0	9M2/JI1ETU			
50023	LX0SIX	Bourscheid	JN39BF	10	50061.7	KH6HME	Pahoa HI	BK29K2	20	50085	FL16		QH30	5
50023.5	ZPSAA	Asuncion	GG14		50062	K8UK	Sterling Hts MI	EN82JP	2	50087	Abaco	HC2FG	EI97	5
50023.0	JA1ZYK	Chiba	QM05	10	50062	C6AEP		FL16	1	50088	T99YVZ	Nr Bugojno	JN84UD	
50025	9H1SIX	Attard, Malta	JM75FV	7	50062	T99YVZ	Nr Bugojno	JN84UD		50090	ZZ2LER	Santos	GG66	10
50025	YV4AB	Valensia	FK50	15	50062.5	W7HAAH	Marion MT	DN28NB	25	50091	WP4F	Toa Alta	FK68WF	5
50025	VP9DUB	Hamilton	FM72	25	50062.5	WB4WOR	Randlement NC	FM05BT	2	50288	VK2RHV	Mt Sugarloaf NSW	QF57	25
50025	VE4SPT				50063	W9JN	Stevens Point WI	EN54DN	1,1	50293	VK3RMV	5k N Hamilton	QF02	12
50025.4	OH1SIX	Ikaalinen	KP11QU	40	50063	KF4ODI	Dyersburg TN	EM56	10	50297	VK7RST	Mt Nelson(Hobart)	QE37	15
50026	SR9FHA	Chorlgwica k/ Wieliczki	KN09BW	4	50063	KD4B00	Augusta GA	EM83	5	50304	VK6RSX	Dampier	OG89	50
50027	CN8MC	Nr Rabat	IM63NX	20	50063.5	NL7Z	Wasilla	BP51	20	50306	VK6RBU	Bunbury	OF76	25
50027	JE7YNQ	Fukushima	QM07	50	50064.0	W3VD	Laurel MD	FM19NE	7	50315.0	FX4SIX	Neuville	JN06CQ	25
50027.8	SR6SIX	Staszek	JO81HH	7	50064	GB3LER	Lerwick	IP90JD	30	50321	ZS5SIX	Hilton	KG50	8
50028	XE2ED	Colonia Guerrero	DM10	15	50065	KL7/KG0VL		BP75		50386	FIGTU		JN05IF	5
50031.0	ZD8VHF	Ascension I.	II22TB	50	50065	GB3IOJ	Jersey	IN89WE	10	50480	JH8ZND	Chitose	QN02UW	10
50031.5	CT0SIX	Tavarade	IN50NE		50065	VQ9SIX	Diego Garcia	MI62	10	50485	JH9YHP	Toyama	PM86	2
50032	JR0YEE	Niigata	PM97	2	50065.0	WO1IJR	Aurora CO	DM79	20	50490	JG1ZGW	Tokyo	PM95VP	10
50033	VE2RCS	Lachute PQ	FN25		50065.2	KH6HI	Haleiwa HI	BL01	50	50499.5	5B4CY	Zygi	KM64PT	20
50033	VE7FG	Prince George BC	CO83	50	50065.5	W0MTK	Fruita CO	DM59	4	50520.3	SZ2DF	Heraclion Crete	KM25	1kw
50034	YU1EO		KN04ML	1	50066.0	VK6RPH	Nr Perth	OF88	10			(usually)or Hania		
50035	HC8GR	Galapagos Is.	EI59	30	50066.2	W5SIX	Horse Mountain	DM54WA	1	51030	ZL2MHB		RF80	
50035	OY6SMC	Faroe Is.	IP62MB		50066.6	WA1QJB	Bowdoinham ME	FN54	10	52275	ZL2MHF	Nr Wellington	RE78NU	10
50036	VE4VHF	Headingly MB	EN19	35	50066.7	KQ4E	Morristown TN	EM86	10	52346.5	VK4ABP	Longreach	QG26	10
50037.5	ES0SIX	Hiuma Island	KO18CW	15	50067	WZ8D	Loveland OH	EM79	15	52420	VK2RSY	Sydney NSW	QF56MH	25
50038	VA2MGL	La Malbaie PQ	FN47UQ	5	50067	OH9SIX	Pirttikoski	KP360I	35	52450	VK5VF	Adelaide Mt Lofty	PP05	10
50038	C21SIX	Menen	RI39LL	25	50067.5	N7DB	Boring OR	CN85RM	5	52490	ZL2SIX	Blenheim	RE68	10
50039	VO1ZA	St Johns NFD	GN37	10	50067.5	N8PUM	Felch MI	EN65BX	10					
50039	FY7THF	Kouru?	GJ35	10	50067.7	KOEC	Vail Mtn CO	DM69	45					
50040	ZL3SIX	Christ Church	RE66	65	50068.5	K2ZD	Union City NJ	FN20	20					
50040	SV1SIX	Nr Athens	KM17UX	25	50068.8	LU1DMA	Buenos Aires	GF05PH	1					
50041	VE6EMU	Camrose AB	DO33	35	50068.9	K6FV	Woodside CA	CM87UL	100					
50041	ONOSIX	Nr Waterloo	J020EP	5	50069.5	NOUD	Nr Halliday ND	DN87	50					
50042	YF1OO	Bogor	OI33		50069.9	W1RA	Cape Cod MA	FN41	15					
50042.5	GB3MCB	St Austell	IO70OJ	40	50070	EA3VHF		JN01EA						

I have excluded several part-time, experimental, seasonal, and unknown beacons from G3USF's list, which may be found at <http://www.keeble.ac.uk/depts/por/50.htm>. Please advise Martin (and me) of any additions or subtractions that should be made to the above list.